

Title (en)

HIGHLY COMPACT ACQUISITION INSTRUMENT FOR OPERATION IN SPACE WITH ONE OR MORE DEPLOYABLE REFLECTORS

Title (de)

HOCHKOMPAKTES AKQUISITIONSINSTRUMENT FÜR BETRIEB IM RAUM MIT EINEM ODER MEHREREN AUSSCHWENKBAREN REFLEKTOREN

Title (fr)

INSTRUMENT D'ACQUISITION SPATIALE A REFLECTEUR(S) DEPLOYABLE(S) ET A COMPACITE ELEVEE

Publication

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Application

**EP 07803405 A 20070911**

Priority

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- FR 0653701 A 20060913

Abstract (en)

[origin: WO2008031826A1] An acquisition instrument (10) for operating in space comprises: i) a deployable primary reflector, consisting of at least two deployable reflecting elements (Ei) suitable, once they are deployed in a final position, for together defining a reflecting surface; ii) a secondary reflector (RS); iii) acquisition means responsible for acquiring data from electromagnetic waves reflected by the primary and secondary (RS) reflectors; and iv) a support (SS) of axial type, inside which a receiving zone (Z3) housing at least part of the acquisition means is defined and to which the secondary reflector (RS) and the deployable reflecting elements (Ei) are fastened, respectively in remote first (Z1) and second (Z2) zones.

IPC 8 full level

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